Amendments to the Specification

Please replace paragraph 18 with the following amended text:

In some speech recognition tasks, the number of word sequences that are

recognizable by a speech recognizer is limited. One example application of such

constrained speech recognition may be a home entertaining center where voice

commands may used may be used to control home appliances. In this scenario, there

may be a small set of commands such as "dim the light" or "lower the volume of the

television". Each of such commands corresponds to a sequence of words. To

understand these voice commands, a constrained speech recognizer may be deployed

that recognizes spoken words according to a constrained language model that defines

specific sequences of words, each of those sequences of words corresponds to a

command. For example, the command "dim the light" is a sequence of three words

"dim", "the", "light" that are arranged in a specified order or pattern.

Please replace paragraph 24 with the following amended text:

Each state in a finite state machine may branch into different paths and each

branching path may be specified (modeled) according to a probability. For example, in

Fig. 3, state 325 corresponding to word "weather" may transit to two different states

(depending on the input speech 105). One is state 330 corresponding to work to word

"in" and state 365 corresponding to word "back", where the former transit is specified

with a high probability 0.93 and the latter is specified with a low probability 0.07. Such

probability may indicate that 93% of the time, people say "...weather in ..." while only

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7% of the time, people say "...weather back...". Such statistics may be obtained and incorporate incorporated into a language model based on statistical training.

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